

availability of heavy metals in substrates such as soils or culture-solutions.

Abstract of the Disclosure

ANSWER
ADMITTED

Abstract
A process for reducing plant availability of heavy metals in substrates such as soils is characterized in that the substrates are treated with cross-linked polymethacrylates. The poly(meth)acrylates can be worked into the soils.

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Fig. 1 Transpiration (*Pinus sylvestris*)
 Behandlungen = treatments

Fig. 2 Assimilation (*Pinus sylvestris*)
 Behandlungen = treatments

Fig. 3 Lead absorption (*Pinus sylvestris*)
 Pb-Gehalt (mg/kg Wurzel TG) = Pb content (mg/kg of root dry weight)
 Behandlungen = treatments

Fig. 4 Cadmium absorption (*Pinus sylvestris*)
 Cd-Gehalt (mg/kg Wurzel TG) = Cd content (mg/kg of root dry weight)
 Behandlungen = treatments

Fig. 5 Kontrolle = Control
 Bleigehalt . . . = Lead content in the cell wall (mmol/dm³)

Fig. 6 Root stock of spruce grown in lead-contaminated soil treated with Stockosorb (left) in comparison with untreated control (right)